

**FINAL
OPERATIONAL RANGE ASSESSMENT PROGRAM
PHASE I QUALITATIVE ASSESSMENT REPORT
MARION LOCAL TRAINING AREA
MARION, OHIO**

MARCH 2008

Prepared for:

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EXECUTIVE SUMMARY

The United States (U.S.) Army is conducting qualitative assessments at operational ranges to meet the requirements of Department of Defense policy and to support the U.S. Army Sustainable Range Program. The operational range qualitative assessment (hereinafter referred to as Phase I Assessment) is the first phase of the U.S. Army Operational Range Assessment Program. This Phase I Assessment evaluates the operational range area at the 88th Regional Readiness Command Marion Local Training Area (LTA) (Facility ID OH041) to assess whether further investigation is needed to determine if potential munitions constituents of concern (MCOC) are or could be migrating off-range at levels that may pose an unacceptable risk to human health or the environment. In conducting the Phase I Assessment, MCOC sources, potential off-range migration pathways, and potential off-range human and ecological receptors are evaluated as appropriate.

The Marion LTA has one operational range that encompasses approximately 127.1 acres. The installation is located approximately two miles east of Marion, Ohio, near 2750 Patten Pike East. The site is suitable for certain military maneuvers, but is too small for live-fire training.

A review of available records and background data, as well as interviews with installation personnel, indicated that the Marion LTA has never been used for training involving military munitions (live-fire or non-live-fire). Training currently conducted at the range is limited to field training exercises. Because training activities do not involve, and historically have not involved, the use of military munitions, there are no potential sources of MCOC. Therefore, potential off-range migration pathways and potential off-range human and ecological receptors were not evaluated, and the range at the Marion LTA is categorized as Unlikely.

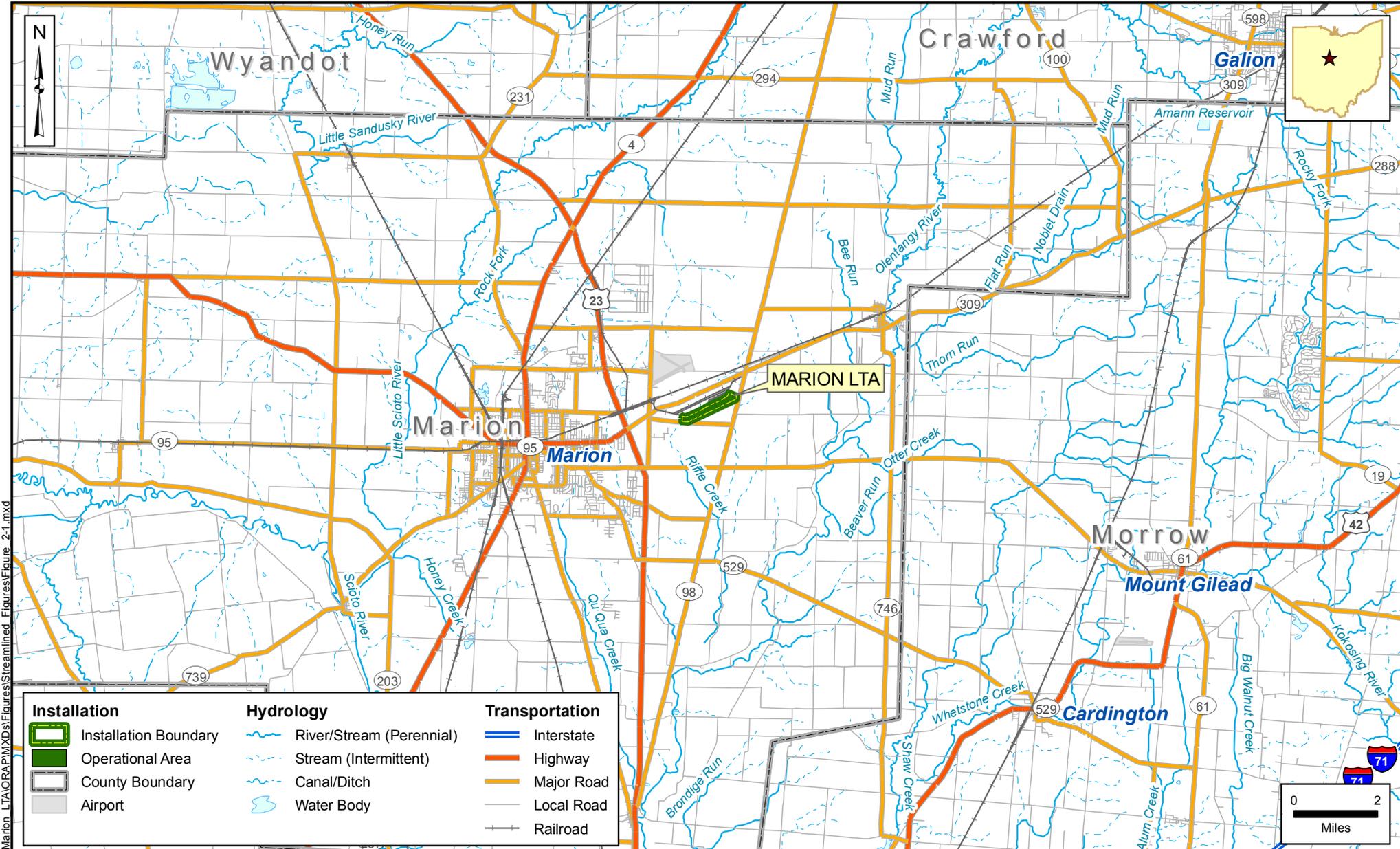
Installations with operational ranges where no munitions or only small caliber blanks have been utilized are categorized as Unlikely. That is, based on a review of available information, there is sufficient evidence to show that due to the lack of munitions use there are no known releases or source-receptor interactions that could present an unacceptable risk to human health or the environment. Ranges categorized as Unlikely are required to be re-evaluated at least every five years. Re-evaluation may occur sooner if significant changes (e.g., change in range operations or site conditions, regulatory changes) occur that affect determinations made during this Phase I Assessment. **Table ES-1** summarizes the Phase I Assessment findings.

Table ES-1: Summary of Findings and Conclusions for the Marion LTA

Category	Total Number of Ranges and Acreage	Source(s)	Pathways(s)	Human and Ecological Receptors	Conclusions
Unlikely	One operational range; 127.1 acres	No source—no current or historical use of live-fire military munitions	Not evaluated (no source identified)		Re-evaluate during the five-year review.

ABBREVIATIONS/ACRONYMS

ARID-GEO	Army Range Inventory Database-Geodatabase
CSM	Conceptual Site Model
DoD	Department of Defense
GIS	Geographic Information System
LTA	Local Training Area
MCOG	Munitions Constituents of Concern
ORAP	Operational Range Assessment Program
RRC	Regional Readiness Command
U.S.	United States
USACE	United States Army Corps of Engineers
USARC	United States Army Reserve Center



Installation	Hydrology	Transportation
Installation Boundary	River/Stream (Perennial)	Interstate
Operational Area	Stream (Intermittent)	Highway
County Boundary	Canal/Ditch	Major Road
Airport	Water Body	Local Road
		Railroad

**Operational Range Assessment Program
Phase I Qualitative Assessment
Marion LTA, OH**

**Figure 2-1
General Location and Operational Range Area of Marion LTA**

Data Sources:
AEC, ARID-GEO, 2007
ESRI, StreetMap USA, 2005

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